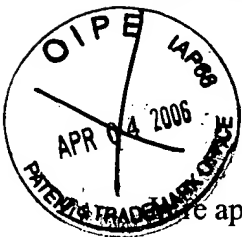


EXPRESS MAIL NO. EV384065797US

PATENT APPLICATION  
Docket No: 15689.66

4/13/4



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

are application of )  
)  
Teruya Fujii )  
)  
Serial No.: 09/784,472 ) Art Unit  
) 2644  
Filing Date: February 15, 2001 )  
)  
Confirmation No.: 2808 )  
)  
For: LEADING WAVE POSITION DETECTING )  
UNIT, RECEIVER, LEADING POSITION )  
DETECTING UNIT, LEADING WAVE )  
POSITION DETECTING METHOD AND )  
LEADING POSITION DETECTING METHOD )  
)  
Customer No.: 022913 )

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the listed references or relevant portion thereof is also enclosed.

In accordance with 37 C.F.R. § 1.98(a)(3), the following concise explanation of the relevance of each listed reference that is not in the English language and unaccompanied by a translation into English is provided. The concise explanation for Japanese Publication No.: 2001-053730 is provided in the English abstract of that publication. The concise explanation for Japanese Publication No.: 2000-284040 is provided in the English abstract of that publication. The concise explanation for Japanese Publication No.: 2003-218848 is provided in the English abstract of that publication.

DATED April 12, 2004.

Respectfully submitted,



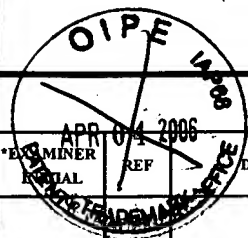
ADRIAN J. LEE  
Attorney for Applicant  
Registration No. 42,785  
Customer No. 022913

*(Use several sheets if necessary)*

**Application Number**  
**09/784,472**

**Filing Date** 2/15/2001

Group Art Unit	2644
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[illegible][illegible]


**DATE CONSIDERED**

**SHEET 1 OF 1**

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Teruya Fujii

Docket No.

15689.66

Serial No.

09/784,472

Filing Date

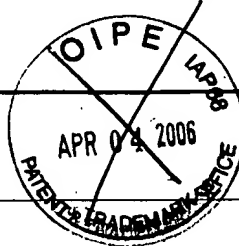
2/15/2001

Examiner

Group Art Unit

2644

Invention: **LEADING WAVE POSITION DETECTING UNIT, RECEIVER, LEADING POSITION  
DETECTING UNIT, LEADING WAVE POSITION DETECTING METHOD AND LEADING  
POSITION DETECTING METHOD**



I hereby certify that the following correspondence:

(see below)

*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

April 3, 2004*(Date)*ADRIAN J. LEE*(Typed or Printed Name of Person Mailing Correspondence)*  
*(Signature of Person Mailing Correspondence)*EV 384065797 US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

Transmittal for Information Disclosure Statement (2 page; duplicate);  
Information Disclosure Statement Under 37 C.F.R. § 1.97 (2 pages);  
Form PTO-1449 Listing of References (1 page);  
Legible Copy of References; (3 references)  
Certificate of Express Mail (EV384065797US);  
Acknowledgment Postcard

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
**(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.  
15689.66

In Re Application Of: **Teruya Fujii**

Serial No.  
**09/784,472**

Filing Date  
**2/15/2001**

Examiner

Group Art Unit  
**2644**

**Title: Leading Wave Position Detecting Unit, Receiver, Leading Position Detecting Unit, Leading Wave  
Position Detecting Method And Leading Position Detecting Method**

Address to:  
**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
- ☐ the statement specified in 37 CFR 1.97(e);
- OR**
- ☐ the fee set forth in 37 CFR 1.17(p).

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
15689.66

In Re Application: Teruya Fujii

Serial No.  
09/784,472

Filing Date  
2/15/2001

Examiner

Group Art Unit  
2644

Leading Wave Position Detecting Unit, Receiver, Leading Position Detecting Unit, Leading Wave  
Position Detecting Method And Leading Position Detecting Method

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 23-3178  
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deposit account.

  
Signature

Dated: April 13, 2004

ADRIAN J. LEE  
Attorney for Applicant  
Reg. No.: 42,785  
Customer No.: 022913

CC: